

Product datasheet for MR223014

Tbpl1 (NM_011603) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tbpl1 (NM_011603) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Tbpl1
Synonyms: 4732475G08; AW011832; AW491032; D18347; STD; TLF; Tlp; TRF2; TRP
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR223014 representing NM_011603
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGATGCAGACAGTGATGTTGCATTGGACATTTAATTACAAATGTAGTCTGTGTTTTAGAACAAGAT
 GCCATTTGAAGCTAAGGAAGATTGCTTTGGAGGGACAAATGTAATTTATAAGCGTGATTTGGGAAAGT
 ATTAATGAAGCTTAGAAAACCTAGAATTACAGCTACAATTTGGTCCTCAGGAAAAATTTTGCAGTGA
 GCAACAAGTGAAGAAGAAGCTAAATTTGGTGCCAGACGTTTAGCCCGTAGTCTGCAGAACTAGGTTTTT
 AGGTCATCTTACAGATTTTAAGGTGGTGAATGTTTTGGCAGTGTGAACATGCCCTTTGAGATCCGTTT
 GCCAGAATTTACAAAGAACAATAGACCTCATGCCAGCTATGAACCTGAACCTCATCCTGCCGTGTGCTAT
 CCGATAAAGTCTCTAAGAGCTACATTACAGATATTTTCAACAGGAAGCATCACAGTGACAGGGCCCAATG
 TAAAGGCTGTGGCGACTGCCGTGGAACAGATCTACCCGTTGTTGAAAGCAGGAAGGAGATTTTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR223014 representing NM_011603
 Red=Cloning site Green=Tags(s)

MDADSDVALDILITNVVCFVFRTRCHLNLRKIALEGANVIYKRDVGKVLMLRKPRIATIWSSGKIICTG
 ATSEEEAKFGARRLARSQKLGQVIFTDFKVVNVLAVCNMPFEIRLPEFTKNRPHASYEPHLPVAVCY
 RIKSLRATLQIFSTGSITVTGPNVKAVATAVEQIYPFVFESRKEIL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



Cloning Scheme:


ACCN: NM_011603

ORF Size: 558 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_011603.5](#), [NP_035733.1](#)

RefSeq Size: 2880 bp

RefSeq ORF: 561 bp

Locus ID: 237336

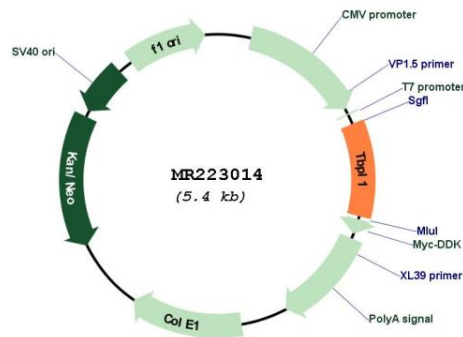
UniProt ID: [P62340](#)

Cytogenetics: 10 A3

MW: 21.3 kDa

Gene Summary: Part of a specialized transcription system that mediates the transcription of most ribosomal proteins through the 5'-TCT-3' motif which is a core promoter element at these genes (By similarity). Seems to also mediate the transcription of NF1. Does not bind the TATA box. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR223014